

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

7

DECISION

TOPIC

Solid Waste Alternatives Program – Sustainable Computer Recycling
Initiative Recommendations

The 2006 Iowa Legislature appropriated \$300,000 from the Solid Waste Alternatives Program to implement a one-time grant offering for the recycling of “hardware or equipment associated with personal computers.” The Department prepared and issued a Request for Proposals (RFP).

Requirements to participate in the Sustainable Computer Recycling Initiative, in addition to completing the application forms provided in the RFP, included:

1. Programs must establish new sustainable computer collection and/or recycling service or expand an existing collection and/or recycling service by increasing capacity or offering an existing service to a part of the state not adequately provided with such services.
2. Programs must collect, at a minimum, CRTs, CPUs, mice, keyboards, peripheral computer components (i.e. speaker, external disk drive, etc.) and laptop computers.
3. Programs must offer collection and/or recycling services, at a minimum, to all households within the applicant’s stated service area.
4. Recyclers that will serve as intermediate or final markets for collection programs must be properly permitted in the state of Iowa or the state in which the facility is located.

Examples of computer collection/recycling programs considered eligible for grant funding must be considered sustainable, provide on-going services and include, but are not limited to:

1. New or expanded mobile collection, drop-off collection, or curbside collection programs;
2. Expanded collection or recycling capacity coupled with an expanded service area or new sources of scrap computers.

The Department identified the following priorities in recommending funding assistance.

1. Programs demonstrating sustainability of permanent collection / processing opportunities for recycling of computers;
2. Programs targeting a service area that is not currently served by computer recycling opportunities and/or programs targeting service areas with substantial population base (and therefore significant computer recycling potential) and/or programs that increase the convenience of computer recycling;
3. Proposals incorporating a reuse component.

Applicants are required to provide a 25% **cash match** for all expenditures in which grant assistance is requested.

The Department received eight (8) proposals, requesting \$623,609 in grant assistance. Five (5) projects are selected for a total of \$264,543 in grant funding.

The review committee consisted of five (5) persons representing the Energy and Waste Management Bureau (Tom Anderson, Jennifer Reutzel, Kathleen Hennings, Sue Johnson and Theresa Stiner).

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants.

A description of each proposal received is attached. The attachment separates proposals by those recommended for funding and those not recommended.

Wayne Gieselman
Division Administrator
Environmental Services Division

Attachment
a) Proposal descriptions

December 11, 2006

**SUSTAINABLE COMPUTER RECYCLING INITIATIVE
SOLID WASTE ALTERNATIVES PROGRAM
PROPOSAL RECOMMENDATIONS**

The Department received eight (8) proposals, requesting \$623,609 in grant assistance for consideration during this special one-time funding opportunity. Five (5) projects were selected for a total of \$264,543 in grant funding.

The following provides a description of each project. The descriptions are organized as proposals selected for funding and proposals received but not selected.

RECOMMENDED PROPOSALS

Midwest Computer Brokers, Inc.
100 3rd Street North
Walford, IA 52351

Request Amount: \$112,500

Award Amount: \$112,500

Total Project Cost: \$150,000

Cash Match: \$37,500

Project Title: Rural Area Electronics Collection and Service Expansion

Contact: Dave Long Phone: 319-845-2000

Applicant: Private For Profit

Description: The applicant request funds to purchase semi-trailers, a shredder and a magnetic conveyor system for material handling. The semi-trailers will be sited in rural areas to provide local collection programs a secure storage unit for collected equipment. The shredder will be used to reduce the size of low value electronics and guarantee hard drive destruction for data security. The conveyor system will feed the shredder and remove processed material. Steel will be magnetically separated out from the processed material. The applicant is one of three CRT processors in the state.

Service Area: State of Iowa - focusing on rural area collection program partnerships

Clinton County Solid Waste Agency
4292 220th Street
Clinton, IA 52732

Request Amount: \$36,918

Award Amount: \$10,668

Total Project Cost: \$14,225

Cash Match: \$3,557

Project Title: Public Awareness – Computer Recycling

Contact: Laura Liegois Phone: 563-243-4749

Applicant: Public Agency

Description:	The applicant requests funds to conduct a county-wide public awareness campaign through local cinemas, coupon books, direct mail pieces and bill inserts for computer recycling. Clinton County Solid Waste Agency expects a large increase in the number of computers received for recycling as the Agency has recently passed a landfill ban on all electronics.
Service Area:	Clinton County

Phoenix E-Waste Solutions 12 South 8 th Avenue Marshalltown, IA 50158	Request Amount: \$51,750 Award Amount: \$49,875 Total Project Cost: \$66,500 Cash Match: \$16,625
Project Title:	Capacity Expansion and Marketing Campaign
Contact:	Mike Ladehoff Phone: 641-753-7200
Applicant:	Private For Profit
Description:	The applicant proposes to add a marketing person and expand marketing to schools and businesses, targeting Warren, Polk, Story and Black Hawk Counties. Also requested is assistance for the purchase of truck, a shredder and a portable conveyor. The truck will be used for transport of electronics from collection sites (schools and businesses) to the processing facility and then to end markets once materials are processed. The shredder will size low value materials, thus improving storage and transportation efficiencies and assure hard drive data destruction. The applicant is one of three permitted CRT recyclers in Iowa.
Service Area:	State of Iowa - focusing on schools and the commercial sector in Warren, Polk, Story, and Black Hawk Counties

Goodwill Association of IA / NE 1111 South 41 st Street Omaha, NE 68105	Request Amount: \$79,000 Award Amount: \$74,250 Total Project Cost: \$99,000 Cash Match: \$24,750
Project Title:	Hub and Spoke Computer Recycling Program
Contact:	Kay Stevens Phone: 402-522-7226
Applicant:	Private Not For Profit
Description:	The applicant is proposing to establish a collection system for residential and small business computers. Individual Goodwill stores collecting materials will ship computers to consolidation centers in Iowa City, Waterloo, and Sioux City which will in turn ship the materials to the Des Moines Goodwill location. For the first year of operation a third party recycler will be utilized to assist

Goodwill staff with standardizing de-manufacturing, stacking, storing, and packaging materials for shipment to end markets. Dell computers will assist in selecting this third party recycler as well as provide three years of financial assistance to Goodwill. Goodwill will seek to refurbish and sell computers at their retail stores. Funds are requested to purchase a forklift, semi-tractor and trailer, education and outreach.

Target Area: State of Iowa – through Goodwill Store donations

The Spectrum Network
607 Washington Street
Decorah, IA 52101

Request Amount: \$23,000

Award Amount: \$17,250

Total Project Cost: \$54,900

Cash Match: \$5,750

Project Title: Computer Recycling Program Expansion

Contact: Toni Smith Phone: 563-382-8401

Applicant: Private Not For Profit

Description: The applicant is requesting funds to purchase a variety of computer recycling supplies and implement a public awareness campaign through print and radio outlets. The applicant recently initiated a program of recycling computers that employees adults with disabilities for demanufacturing, refurbishing and sales. The applicant is proposing to expand the collection program to six additional counties in northeast Iowa. Periodic collection events will be advertised and held in each of the counties. Persons can drop computers off at the main facilities in Winneshiek and Howard Counties at any time.

Target Area: Northeast Iowa – Counties of Allamakee, Winneshiek, Howard, Mitchell, Floyd, Chickasaw, Fayette, and Clayton

PROPOSALS NOT RECOMMENDED

Moors Recycling of Iowa
4003 J Steer SW
Cedar Rapids, IA 52404

Request Amount: \$74,690

Award Amount: \$0

Total Project Cost: \$99,588

Cash Match: \$24,898

Project Title: Computer Recycling Program Expansion

Contact: Julius Moor Phone: 608-568-7678

Applicant: Private For Profit

Description: The Wisconsin based applicant proposed to establish regularly

scheduled drop-off collection events and customer pick-up collection as requested for residential, commercial, school and governmental generators of scrap computers. Funds were requested for the purchase of a cargo van, pick-up truck, forklift, pallet jack and gaylord boxes.

Target Area: Counties of Linn, Benton, Tama, Boone, and Story

A-TEC Recycling, Inc.
5745 NE 17th Street
Des Moines, IA 50313

Request Amount: \$207,750
Award Amount: \$0

Total Project Cost: \$265,600
Cash Match: \$57,850

Project Title: Establish a Computer Collection Program and Demanufacturing Center

Contact: Larry Young Phone: 515-244-7357
Applicant: Private For Profit

Description: The applicant requested funds to purchase trucks and trailers, crusher, demanufacturing stations, balers, and other associated computer recycling equipment. With this equipment the applicant proposed to offer collection events across the state in cooperation with local groups seeking a revenue generating event. The fee for participants would be placed high enough to cover applicant costs, with the remainder being a fund raiser for local sponsor groups.

Target Area: State of Iowa - focusing on rural area collection events

CP Recovery
9200 Hickman Road, Suite D
Clive, IA 50325

Request Amount: \$38,000
Award Amount: \$0

Total Project Cost: \$50,570
Cash Match: \$12,570

Project Title: Computer Recycling Public Awareness Campaign
Contact: Jason McIntosh Phone: 515-276-2600
Applicant: Private For Profit

Description: The applicant requested funding to conduct a year long television and newspaper advertisement effort promoting the applicant's computer recycling services.

Target Area: Central and West Central Iowa – twenty-four counties
